

DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT APPLICATION FEE FORM
REVISED EFFECTIVE JANUARY 1, 2008

RECEIVED PRO
MAR 27 2015

NUTRI BLEND INC

540 BALLAST POINT RD
HAMPSTEAD, NC 28443-8691

04-98

19382

68-1/510 VA
1184

DATE 3/11/15

PAY
TO THE
ORDER OF

Treasurer of Virginia
One Thousand and No/100

\$ 1000.00

DOLLARS



Bank of America

ACH R/T 051000017

FOR

Dinwiddie Mod.f.

[Signature]

⑈019382⑈ ⑆051000017⑆ 004130342294⑈

Richmond, VA 23218

A copy of the form and a copy of your check or money order should accompany the permit application. You should retain a copy for your records. Please direct any questions regarding this form or fee payment to the DEQ Office to which you are submitting your application.

APPLICANT NAME: Nutri-Blend Inc. SSN/FIN: 54-1894294

ADDRESS: 2353 Charles City Road DAYTIME PHONE: (804) 222-7514

Area Code

P.O Box 38060

Richmond, VA 23231

FACILITY/ACTIVITY NAME: Nutri-Blend Inc. Land Application of Biosolids

LOCATION: Dinwiddie

TYPE OF PERMIT APPLIED FOR
(from Fee Schedule): VPA Biosolids Permit

TYPE OF ACTION: New Issuance Reissuance X Modification

AMOUNT OF FEE SUBMITTED
(from Fee Schedule): \$1000.00

EXISTING PERMIT NUMBER (if applicable): VPA00825

DEQ OFFICE TO WHICH APPLICATION SUBMITTED (check one)

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Abingdon/SWRO | <input type="checkbox"/> Harrisonburg/VRO | <input type="checkbox"/> Woodbridge/NVRO | <input type="checkbox"/> Lynchburg/SCRO |
| <input checked="" type="checkbox"/> Richmond/PRO | <input type="checkbox"/> Richmond/Headquarters | <input type="checkbox"/> Roanoke/WCRO | <input type="checkbox"/> Virginia Beach/TRO |

FOR DEQ USE ONLY

Date: _____

DC #: _____

Original Form and Check - DEQ Receipts Control, Richmond

Copy of Form and Copy of Check - DEQ Regional Office or Permit
Program Office

APPLICATION FOR A BIOSOLIDS USE PERMIT

For Department Use Only

Commonwealth of Virginia
Department of Environmental Quality
DEQ Regional Office

Identification No.: _____

Date Received: _____

Type of System or Works: ☐ NEW ☐ UPGRADE ☒ MODIFICATIONS

Owner:

Name: NUTRI-BLEND, INC.

Street or Mailing Address: P.O. BOX 38060

City Richmond State Virginia

Zip Code 23231 Phone No.: (804) 222-7514

Authorized Representative:

Name: Mr. David Simons

Street or Mailing Address: P.O. BOX 38060

City Richmond State Virginia

Zip Code 23231 Phone No.: (804) 222-7514

Consulting Engineer:

Name of Firm: _____

Project Engineer: _____

Street or Mailing Address: _____

Phone No.: (_____) _____

Project Description:

Permit No.: VPA00825

☐ INTERIM ☐ FINAL

DATE ISSUED: _____ EXPIRATION DATE: _____

☐ System ☐ Works Biosolids Source(s) _____

Location of Project/Discharge:

City: N/A Counties: Dinwiddie (See Attachment A)
(Attach listing of Sites if Applicable)

Total acreage involved: 2457.3

Total annual amount of Biosolids from each source: See Attachment B

Type of treatment for pathogen control for each source (if applicable) See Attachment B

Process Description including supernatant management N/A Land Application

Treatment Certification:

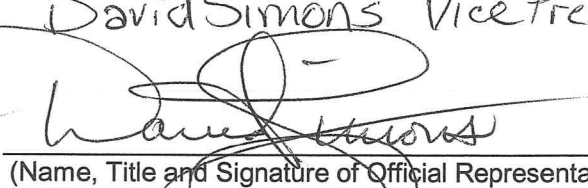
Owner of Receiving Sewage Collection System/Treatment Works: _____

Phone #: _____

Street or Mailing Address: _____

City _____ State _____ Zip Code _____

┘ Yes ┘ No A statement indicating that a proper class of Biosolids treatment will be provided for this project has been issued by the owner(s) of the Biosolids Source/Treatment Works and is attached.

David Simons Vice President

(Name, Title and Signature of Official Representative)

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM A
ALL APPLICANTS**

1. Facility Name: NUTRI-BLEND INC.
County and Location: RICHMOND, VA
Address: P.O. BOX 38060 RICHMOND, VA 23231

2. Legal Name of Owner: Mr. Larry Matthews
Address: P.O. BOX 38060 RICHMOND, VA
Telephone Number: (804)222-7514

3. Owner Contact: Mr. Larry Matthews
Title: President
Address: (if different) (Same)
Telephone Number: (804) 222-7514

4. Existing permits (e.g., VPA, VPDES; VWP, RCRA; UIC; other:

<u>VPA</u>	<u>00825</u>
Agency	Permit Type
	Number
Agency	Permit Type
	Number
Agency	Permit Type
	Number

5. Nature of Business: Biosolids Land Application

SIC Code(s): 0711; _____;

6. Type of Waste:
(check blank as appropriate) Proposed Existing

Animal Waste (complete Form B)	_____	_____
Industrial Waste (complete Form C)	_____	_____
Land Application of Municipal Effluent (complete Form D, Part I)	_____	_____
Land Application of Biosolids/Sewage Sludge (complete Form D, Part II)	<u>2457.3</u>	_____

7. General Location Map: All Sites in _____ Dinwiddie County _____

Provide a general location map which clearly identifies the location of the facility

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. I further certify that I am an authorized signatory as specified in the VPA Permit Regulation (9VAC25-32).

Signature: _____

Date: _____

Printed Name: _____

Title: _____

**ATTACHMENT A
NUTRI-BLEND, INC.
DINWIDDIE LAND APPLICATION SITES**

Site Name	Tract	Field #	Gross Acres	Tax ID #	Watershed Code	Landowner	Operator
Avery	T-9214	1	143.1	92-14A	CU15	William (Billy) and Sherry Avery	Billy Avery
	T-9236	1	36	92-36	CU23	William (Billy) and Sherry Avery	Billy Avery
	T-9237	1	30.8	92-37	CU23	William (Billy) and Sherry Avery	Billy Avery
	T-9238	1	44	92-38	CU23	William (Billy) and Sherry Avery	Billy Avery
	T-994	1	141	99-4	CU15	William (Billy) and Sherry Avery	Billy Avery
	T-995	1	318	99-5	CU16	William (Billy) and Sherry Avery	Billy Avery
	T-9235	1	40.5	92-35	CU23	Ada Liles	Billy Avery
Bethea	T-8044	1	93.6	80-44	CU13	Lee Bethea	Lee Bethea
	T-6751	1	146.5	67-51C	CU23	Lee Bethea	Lee Bethea
		2	14.0				
	T-10017	1	108.0	100-17	CU17	Lee Bethea	Lee Bethea
	T-903	1	146.1	90-3	CU13	Lee Bethea	Lee Bethea
Chambliss	T-9215	1	458.4	92-24 92-15A	CU16	Roger Lee Chambliss Jr Revocable Living Trust C/O Lucinda Martin	Lee Bethea
Mayes	T-559	1	136.0	55-9	CU21	MP2S2 LLC (Mike Mayes)	Lee Bethea
Blackstone Timber	T-6744	1	132.8	67-44	CU23	Blackstone Timber Company C/O George Ragsdale	Lee Bethea
Calhoun	T-1520	1	392.5	15-20	JA37	Brian Calhoun	Brian Calhoun

Liability Requirements for Transport, Storage, and Land Application of Biosolids
Form II- Certificate of Liability Insurance

1. Westchester Surplus Lines Insurance Company, (the "Insurer"), of 436 Walnut Street, PO Box 1000, Philadelphia, PA 19106-3703 hereby certifies that it has issued liability insurance covering clean up costs, personal injury, and property damage resulting from the transport, storage, and land application of biosolids in Virginia to Nutri-Blend, Inc., (the "insured"), of PO Box 38060, Richmond, VA 23231 in connection with the insured's obligation to demonstrate financial responsibility under this chapter. The coverage applies at VPA Permit No's. VPA00815, VDHUR 70, VPA00841, VPA03019, VPA00807, VPA03018, VDHUR 142, VPA03002, VPA00828, VPA03007, VPA03006, VPA03005, VPA00825, VDHUR 46, VPA00806, VPA00802, VDHUR 47, VPA00810, VDHUR 54, VPA03008, VPA00832, VDHUR 21, VDHUR 105, VPA03011, VDHUR 84, VPA03012, VPA00830, VDHUR 20, VPA0073, VDHUR 117, VDHUR 93, and VDHUR 19, Nutri-Blend, Inc. The limits of liability are Two Million U.S. dollars \$2,000,000 per occurrence and annual aggregate amount of Two Million U.S. dollars \$2,000,000 exclusive of legal defense costs. The coverage is provided under policy number G24202549 004 and G24202562 004, issued on April 15, 2014. The effective dates of said policies are 04/15/2014 - 04/15/2015 and 04/15/2014 - 04/15/2015.

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

- (a) Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the policy.
- (b) The Insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the Insurer.
- (c) Whenever requested by the Department, the Insurer agrees to furnish to the Department a signed duplicate original of the policy and all endorsements.
- (d) Cancellation of the insurance, whether by the insurer, the insured, a parent corporation providing insurance coverage for its subsidiary, or by a firm having an insurable interest in and obtaining liability insurance on behalf of the owner or operator of the hazardous waste management facility, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the Department.
- (e) Any other termination of the insurance will be effective only upon written notice and only after the expiration of thirty (30) days after a copy of such written notice is received by the Department.

I hereby certify that the wording of this instrument is identical to the wording specified in 9VAC25-32-790 as such regulation was constituted on the date first above written, and that the Insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer, in one or more States.


Rob Owens

Senior Vice President
ACE Westchester Environmental
11575 Great Oaks Way, Ste 200
Alpharetta, GA 30022

7/15/14



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/15/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER TIS of the Carolinas, LLC 4700 Homewood Court, Suite 106 Raleigh NC 27609	CONTACT NAME:	
	PHONE (A/C, No, Ext): 919-787-4432	FAX (A/C, No): 919-787-4489
INSURED Nutri-Blend, Inc. P.O. Box 38060 Richmond VA 23231	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Westchester Surplus Lines Insurance	
	INSURER B: Continental Western Insurance Compa	
	INSURER C: Amerisafe, Inc 31895	
	INSURER D: Hanover Insurance Company	
INSURER E:		
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 140266624

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Pollution Liabil <input checked="" type="checkbox"/> Errors & Omissio GEN'L AGGREGATE LIMIT APPLIES PER. <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC		G24202549 004	4/15/2014	4/15/2015	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		CNA4245961	4/15/2014	4/15/2015	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		G24202562 004	4/15/2014	4/15/2015	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N/A		AVWCVA2289982014	4/15/2014	4/15/2015	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Contractor's Equipment Leased/Rented Equipment		IH6-9846826-01	4/15/2014	4/15/2015	\$250,000 \$250,000 Per Item Maximum

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER**CANCELLATION 30 Days**

Virginia Department of Environmental Quality; Attn: Seth Mullins
Piedmont Regional Office; 4949-A Cox Road
Glen Allen VA 23060

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

R. W. Moore

PUBLIC NOTICE AUTHORIZATION AND BILLING INFORMATION FORM

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in accordance with 9 VAC 25-32-140. A.

Agent/Department to be billed: Nutri-Blend Inc.

Owner: Larry Matthews

Applicant's Address: P.O. Box 38060

Richmond, VA 23231

Agent's Telephone No: 804-222-7514

Authorizing Agent: William M. Burnett
Signature

Facility Name: Nutri-Blend Inc
Permit No. VPA*

*(to be assigned by DEQ- leave blank)

FIELD OPERATIONS AND TRANSPORT

Following loading at the WWTW, the biosolids will be transported to the application sites using the most direct primary and secondary state highways. The drivers will be instructed to avoid residential areas where possible.

Prior to initiating field operations, the farm operator will be contacted relative to available fields, specific field conditions, and anticipated cropping schedule. Field conditions will be deemed acceptable only when both the farm operator and the field superintendent concur. Daily field records will be kept by the field superintendent utilizing a voucher ticket system to keep track of biosolids delivered and applied at the application site.

Trucks will be unloaded in the field at designated staging areas. To minimize field compaction by applicator and truck traffic, the staging areas will be selected in regard to buffer restrictions, topography, access, farm management concerns, and soil conditions. Although several staging areas will be required for the typical field, all efforts will be made to minimize the number of staging areas.

Cake biosolids will be removed from the staging area with the use of a John Deere 544H rubber-tired front end loader equipped with a 4 cu yd bucket or similar front end loader. Next, the biosolids will be loaded into a Knight Proslinger spreader box with a side discharge applicator, or onto a similar applicator. The spreader box will be pulled by a John Deere 9400 farm tractor or similar farm tractor which will provide the power take off for the spreader box ram and beaters.

Following biosolids application the biosolids will be incorporated into the soil if the cropping system allows. On hay and pasture fields, biosolids will be surface applied.

Prior to leaving the application site, the transportation trucks will be scraped along wheels, mud flaps, tailgate, etc., to minimize tracking mud onto state highways. The drivers will be instructed on the importance of preventing mud from being tracked onto state roads relative to public perception of site activities and safety considerations.

Once an area of the farm has received the design application rate, the sludge application operation will relocate and phase out the staging area. Each staging area will be inspected by the field superintendent who will direct the phase out. Biosolids, including some small amounts of soil, in the staging areas will be collected with the front end loader and then land applied in the normal manner.

Odor Control Plan – Land Applier

Permittee Name **Nutri-Blend Inc.**

VPA Permit Number

Contact Name: **Bill Burnett**

Phone Number: **804-222-7514**

Email address: **NBinc1@aol.com**

"Malodor" means an unusually strong or offensive odor associated with biosolids or sewage sludge as distinguished from odors commonly associated with biosolids or sewage sludge.

1) Identify methods to identify malodor after delivery to a land application site:

Check all that apply:

☒ Comparison of odors from each truck load to identify loads with unusually strong or offensive odor

☒ pH analysis

☐ Odor measurement device (e.g. Nasal Ranger)

☐ Other: _____

2) Identify methods to abate malodor after delivery to a land application site:

Check all that apply:

☒ Removal to a landfill

☐ Removal and transport to a more secluded site (after verification VAR option was achieved)

☐ Other: _____

3) Identify methods to abate malodor after biosolids are land applied:

☒ Incorporation

☐ Other: _____

4) Identify procedures for reporting odor complaints or determination of malodor to the generator.
(Refer to contacts on Generator OCP, any agreements you have with generators regarding handling of odor complaints, etc.)

1) Notify Generator

2) Meet with Generator to discuss issue with odor

3) Cease land application until problem is alleviated



Westchester Surplus Lines Insurance Company

Environmental General Liability Policy Declarations

THE DECLARATIONS, TOGETHER WITH THE COMPLETED AND SIGNED APPLICATION, THIS POLICY AND ANY ENDORSEMENTS OR SCHEDULES ATTACHED HERE TO, CONSTITUTE THE INSURANCE POLICY.

Policy Number: G24202549 003

Renewal of: G24202549 002

Item 1. **Named Insured:** Nutri-Blend, Inc.
P.O. Box 38060
Richmond, Virginia 23231

The Named Insured is a: ☐ Individual ☐ Partnership ☐ Limited Liability Company ☒ Corporation ☐ Other:

Item 2. **Producer:** Synapse Service LLC
198 West High Street
Somerville, New Jersey 08876

Item 3. **Policy Period:** Inception Date: 04/15/2013 Expiration Date: 04/15/2014
(12:01 A.M. Local time at the address shown in Item 1.)

If "NOT INCLUDED" appears, then no such Coverage is provided under this policy.

Item 4. **Limits of Insurance:**
Commercial General Liability Coverage

Each Occurrence Limit	\$1,000,000	
General Aggregate Limit (Other than Products/Completed Operations)	\$2,000,000	
Products/Completed Operations Aggregate Limit	\$2,000,000	
Personal & Advertising Injury Limit	\$1,000,000	Any One Person or Organization
Damage to Premises Rented to You	\$100,000	Any One Premises
Medical Payments	\$5,000	Any One Person
Contractors Pollution Liability Coverage Part	\$1,000,000	Each Pollution Condition
Professional Liability Coverage Part	\$1,000,000	Each Claim

Item 5. **Deductible:**

Commercial General Liability Coverage Part	\$5,000	Each Occurrence
Contractors Pollution Liability Coverage Part	\$5,000	Each Claim
Professional Liability Coverage Part	\$5,000	Each Claim

Item 6. **Advance Premium:** \$32,451 (25% minimum earned)

Item 7. **Rate:** Flat / Non Auditable

Item 8. **Estimated Basis:** \$11,000,000 (Estimated Revenue)

Item 9. **Retroactive Date:**

Commercial General Liability Coverage:	Not Applicable
Contractors Pollution Liability Coverage Part:	Not Applicable
Professional Liability Coverage Part:	11/02/2002

Premium..... \$32,451.00
Surplus Lines Tax... \$ 736.15
Stamping Fee..... \$ 9.74
Other..... \$
TOTAL..... \$33,190.89

Appendix A

Nutri-Blend Inc. Source List

Wastewater Treatment Works	Location	Treatment Process	Annual Production
County of Henrico	Henrico Co., VA	Anaerobic Digestion	29,000 wet tons/yr
Falling Creek	Chesterfield Co., VA	Anaerobic Digestion	8250 wet tons/yr
Powhatan Dept of Corrections/ESV	Powhatan Co., VA	Aerobic Digestion	1200 wet tons/yr
Proctors Creek	Chesterfield Co., VA	Anaerobic Digestion	18762 wet tons/yr
WASA - Blue Plains	Washington, D.C.	Anaerobic Digestion	200,000 wet tons/yr
Farmville	Farmville, VA	Aerobic Digestion	2000 wet tons/yr
Chatham	Chatham, VA	Aerobic Digestion	500 wet tons/yr
Piscataway	Accokeek, MD	Lime Stabilized	30,000 wet tons/yr



Buffer Area



Property Line



Water



Field Boundary

rock

Rock Outcrop



Wooded Area



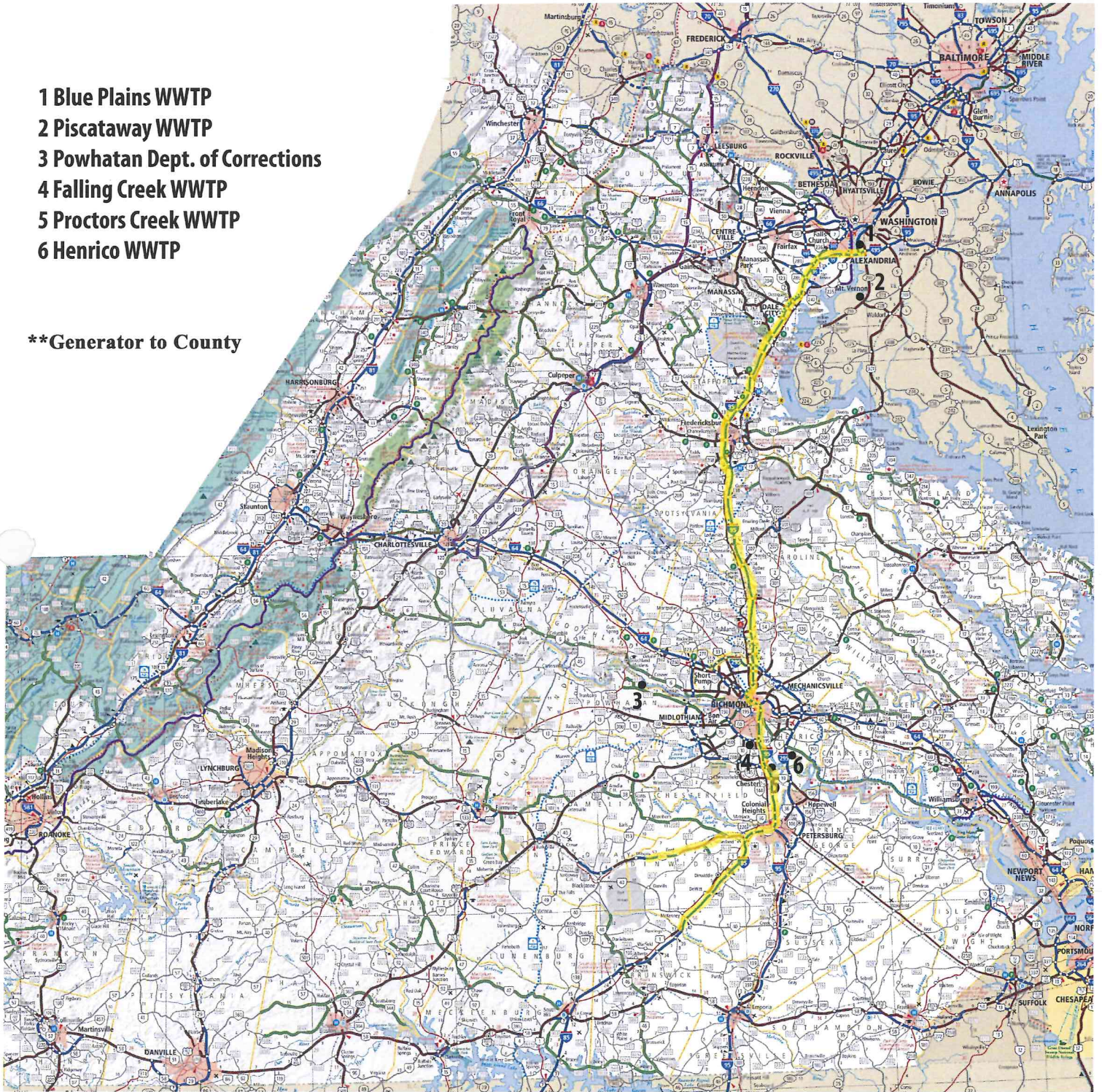
Intermittant Stream



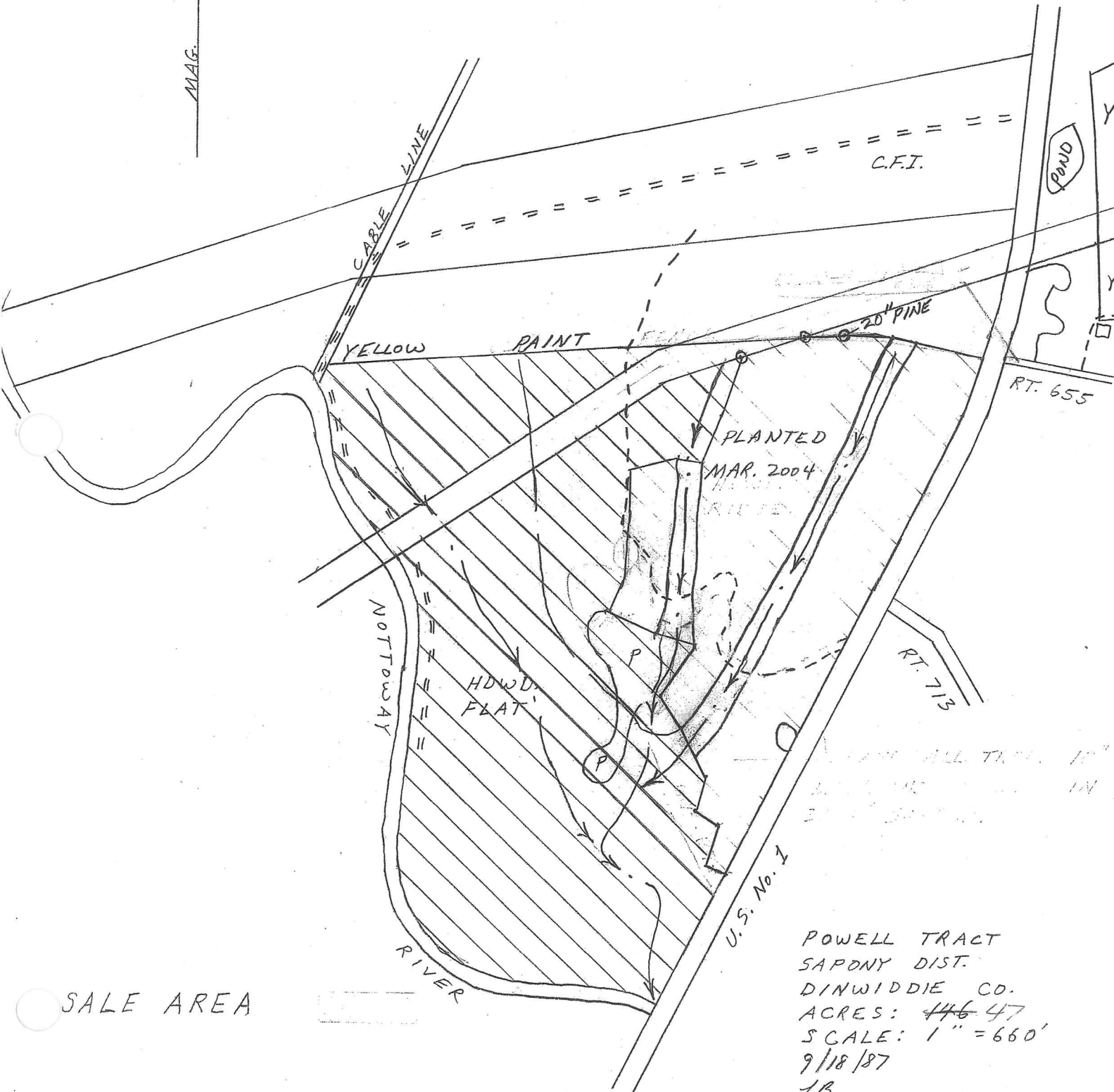
House/Well

- 1 Blue Plains WWTP
- 2 Piscataway WWTP
- 3 Powhatan Dept. of Corrections
- 4 Falling Creek WWTP
- 5 Proctors Creek WWTP
- 6 Henrico WWTP

****Generator to County**



MAG.



SALE AREA

POWELL TRACT
SAPONY DIST.
DINWIDDIE CO.
ACRES: ~~446~~ 47
SCALE: 1" = 660'
9/18/87
LB

Dinwiddie County, Virginia

Tax Map #:	90-3
Address:	22619 BOYDTON PLANK RD MCKENNEY, VA 23872
Acreage:	146.09
Owner's Name::	BETHEA LEE R JR
Description:	RT 1 No Data No Data 90-3 No Data
Deed Book:	396
Deed Page:	307
Plat Book:	NaN
Plat Page:	

Assessment Information

Land Value:	\$94,800
Improvement Value:	\$0
Total Value:	\$94,800

DISCLAIMER: This data is provided without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Any person, firm or corporation which uses this map or any of the enclosed information assumes all risk for the inaccuracy thereof, as Dinwiddie County expressly disclaims any liability for loss or damage arising from the use of said information by any third party.

Dinwiddie County, VA

Legend

Road Labels

County Boundaries

Parcels

Feet



1:8,000 / 1"=667 Feet



Title:

Date: 1/28/2015

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Dinwiddie County is not responsible for its accuracy or how current it may be.

Bethea
T-903

1
146.1 acres

H/W

655

H/W

H/W

H/W

713

Little-Deer-Rd

H/W

H/W

712

H/W

© 2015 Google

85

2783 ft



Dinwiddie County, VA

Legend

Road Labels

County Boundaries

Parcel Labels

Parcels

Feet



0 200 400 600 800

1:12,000 / 1"=1,000 Feet

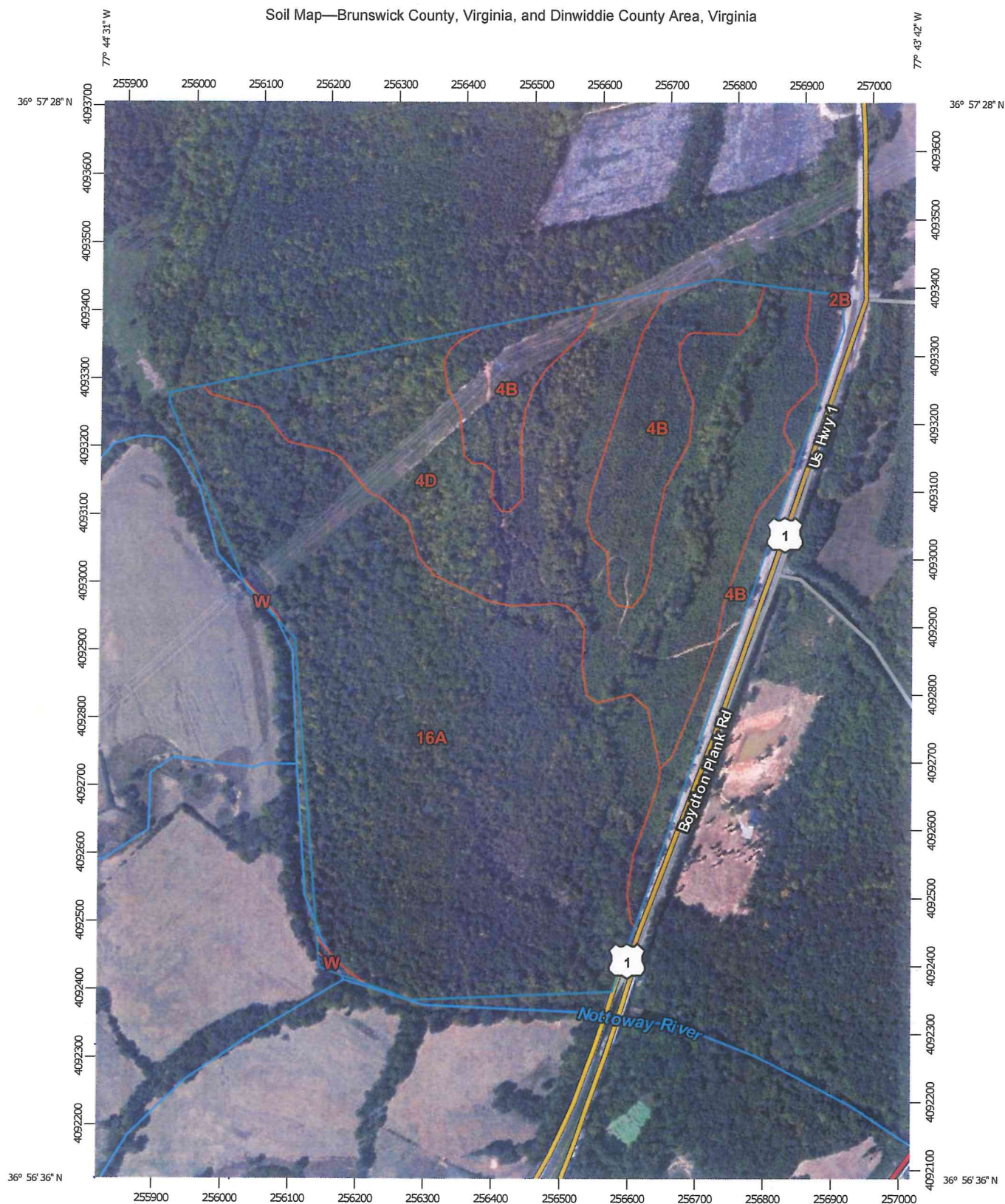


Title:

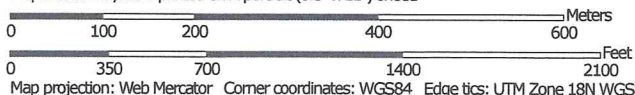
Date: 2/4/2015

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Dinwiddie County is not responsible for its accuracy or how current it may be.

Soil Map—Brunswick County, Virginia, and Dinwiddie County Area, Virginia



Map Scale: 1:7,720 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



**Natural Resources
Conservation Service**

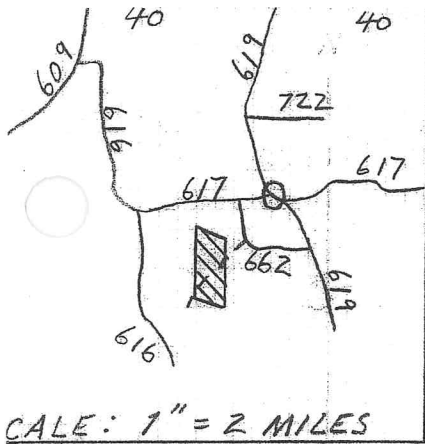
Web Soil Survey
National Cooperative Soil Survey

2/5/2015
Page 1 of 3

**Bethea
Tract T-903
Field Data Sheet**

Field	Total Acres	Tract Coordinates		<u>Field Type</u>
		Latitude	Longitude	
1	146.1	36°56'59"	77°44'07"	Silvicultural
SUM	146.1	36.951	-77.735	

Alley



DAVID BARNES

OPEN

WOODS

RT. 662



OPEN

JOE BARNES

BOLSTER

WHITE PAINT

1983 YP 6.5

YP 5.0

H/P

WHITE

G.P.

RED PAINT

SAPONY DIST.
DINWIDDIE CO.
ACRES: 100
SCALE: 1" = 660'
5/2/00
LB

Dinwiddie County, Virginia

Tax Map #:	100-17
Address:	22619 BOYDTON PLANK RD MCKENNEY, VA 23872
Acreage:	108.00
Owner's Name::	BETHEA LEE R JR
Description:	SUSSEX LINE No Data No Data 100-17 No Data
Deed Book:	478
Deed Page:	308
Plat Book:	NaN
Plat Page:	

Assessment Information

Land Value:	\$162,000
Improvement Value:	\$0
Total Value:	\$162,000

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Dinwiddie County, VA

Legend

Road Labels

County Boundaries

Parcels



Feet



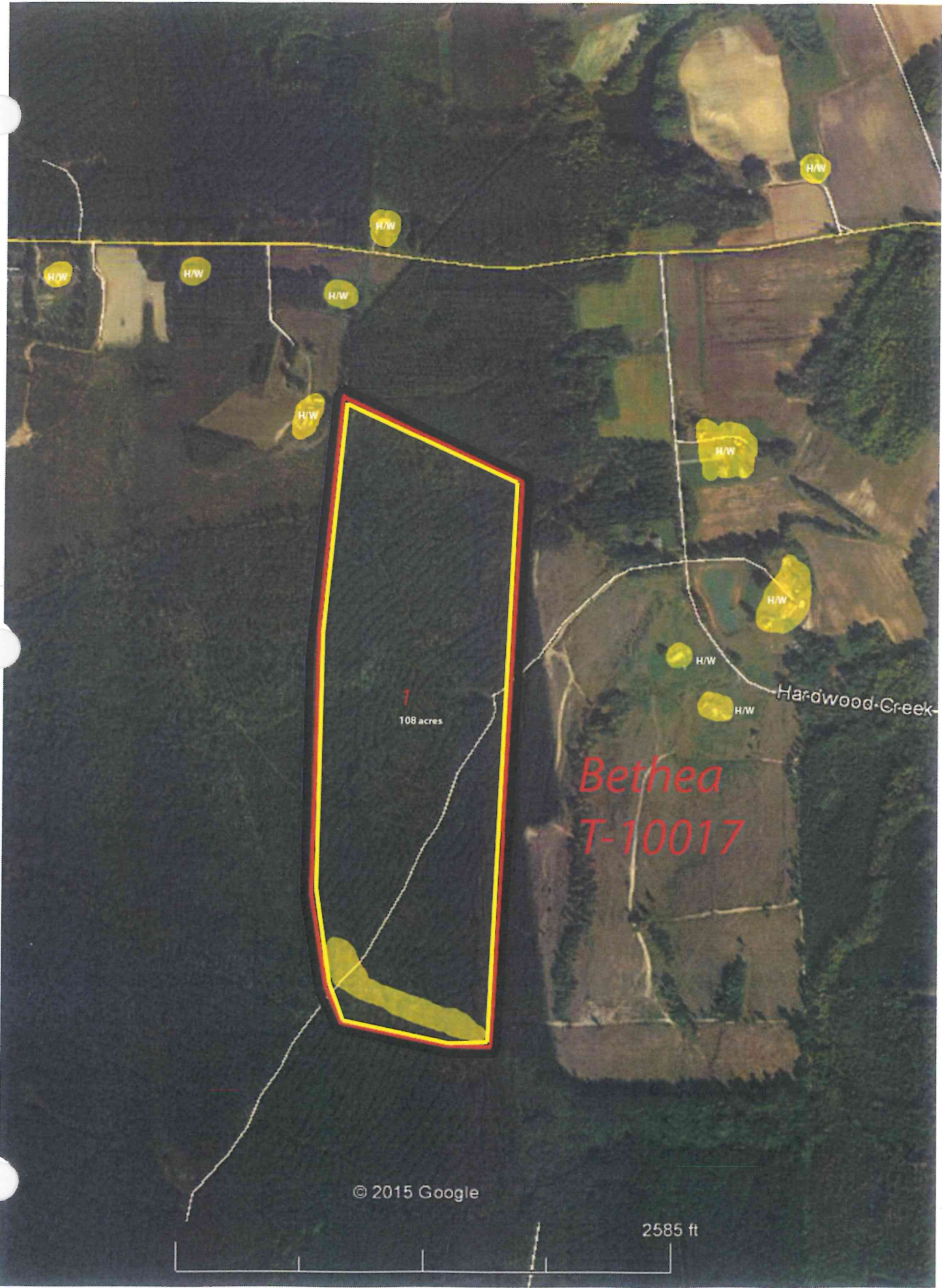
1:8,000 / 1"=667 Feet



Title:

Date: 1/28/2015

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© 2015 Google

2585 ft

Dinwiddie County, VA

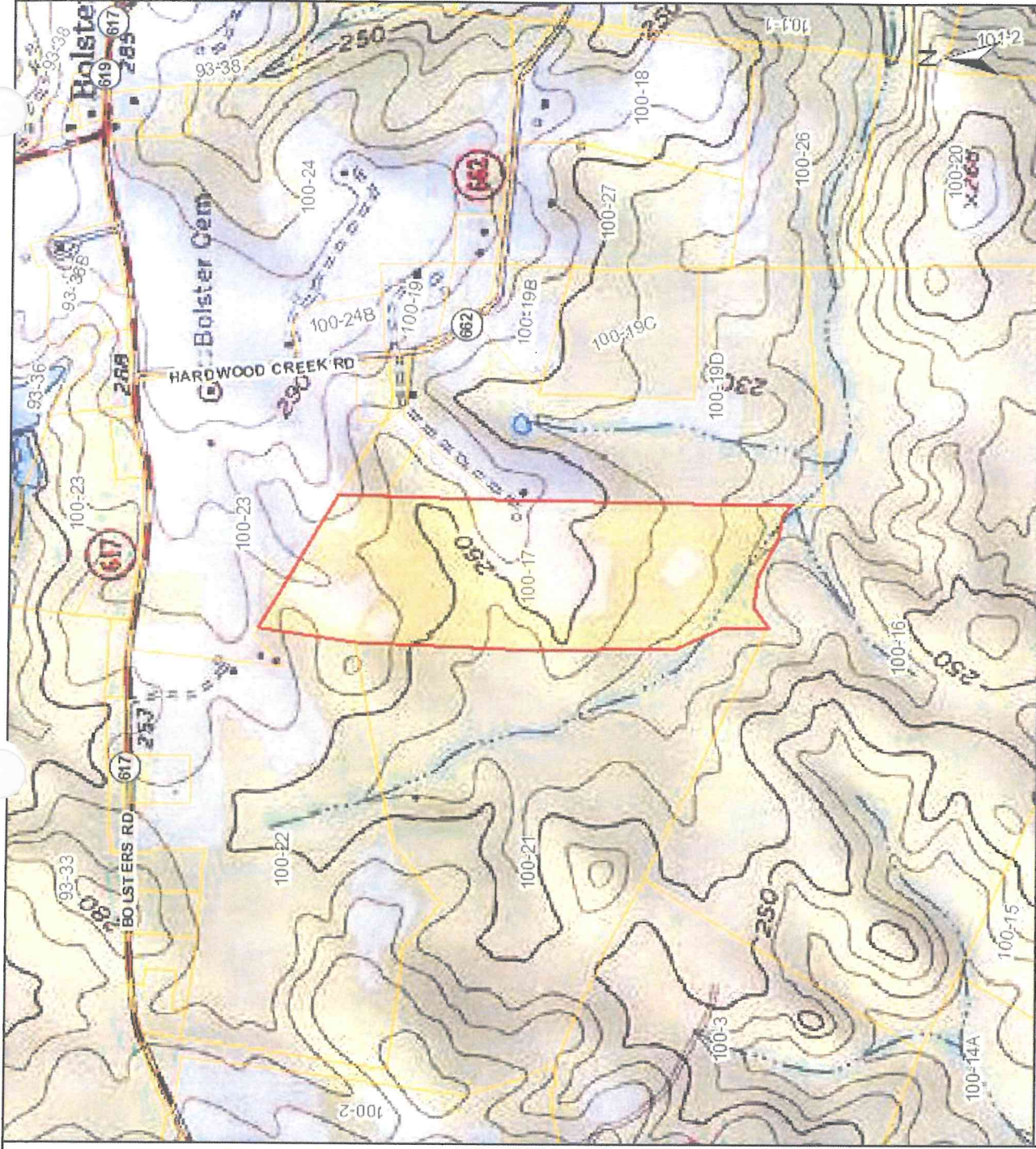
Legend

- Road Labels
- County Boundaries
- Parcel Labels
- Parcels

Feet



0 200 400 600 800
1:12,000 / 1"=1,000 Feet

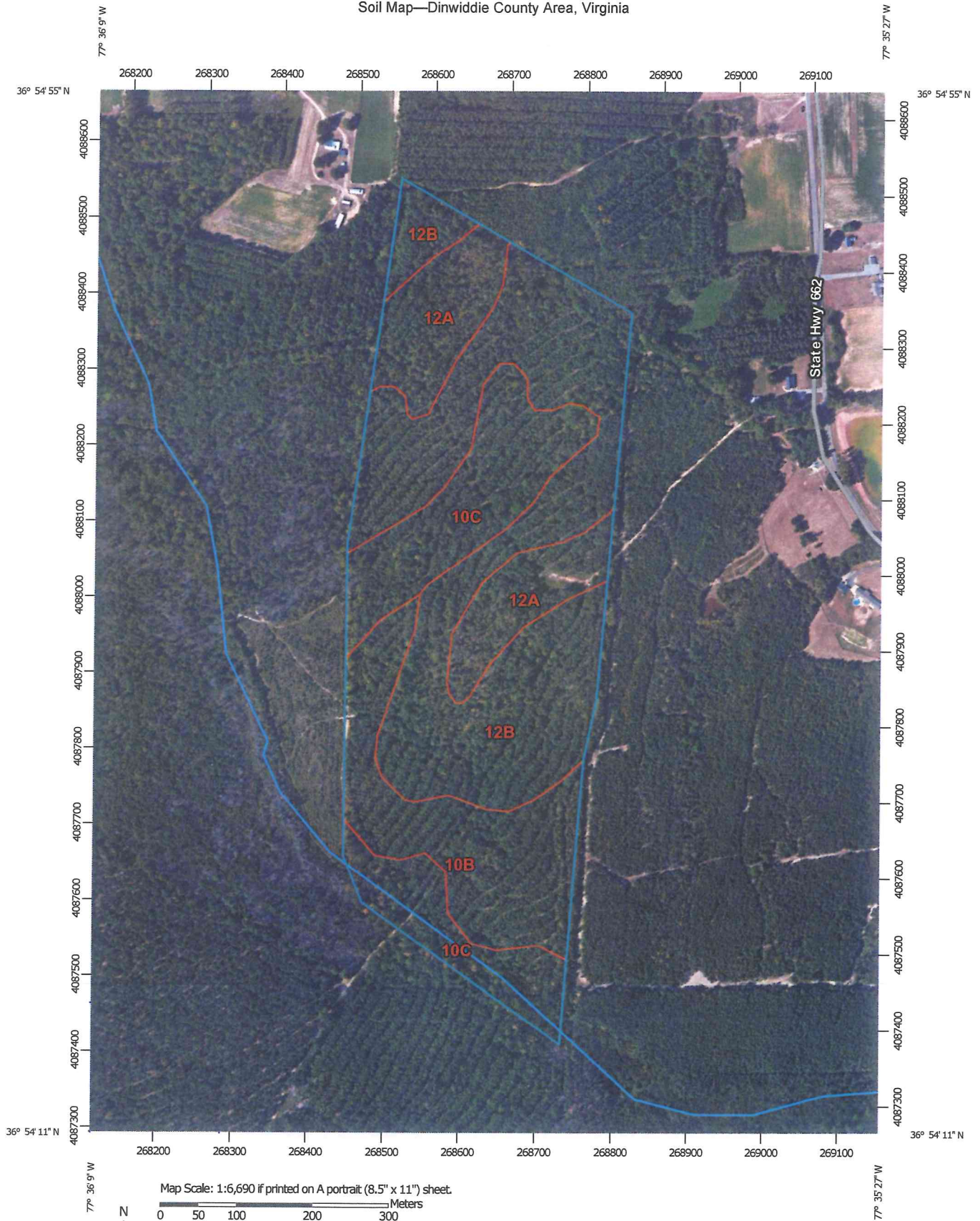


Title:

Date: 2/4/2015

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Soil Map—Dinwiddie County Area, Virginia



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

2/5/2015
Page 1 of 3

**Bethea
Tract T-10017
Field Data Sheet**

Field	Total Acres	Tract Coordinates		<u>Field Type</u>
		Latitude	Longitude	
1	108.0	36°54'05"	77°35'14"	Silvicultural
SUM	108.0	36.910	-77.598	

DARBY TRACT



Dinwiddie County, Virginia

Tax Map #:	67-51C
Address:	22619 BOYDTON PLANK RD MCKENNEY, VA 23872
Acreage:	160.50
Owner's Name::	BETHEA LEE R JR
Description:	TRACTS 6,7,8 OFF RT 652 No Data DB 247/221 67-51C No Data
Deed Book:	NaN
Deed Page:	
Plat Book:	NaN
Plat Page:	

Assessment Information

Land Value:	\$262,300
Improvement Value:	\$0
Total Value:	\$262,300

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Dinwiddie County, VA

Legend

Road Labels

County Boundaries

Parcels

Feet



0 200 400 600 800

1:12,000 / 1"=1,000 Feet



Title:

Date: 1/28/2015

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Lew-Jones-Rd

H/W

H/W

Bethea
T-6751

2
14 acres

1
146.5 acres

H/W

H/W

H/W

H/W

H/W

© 2015 Google

2729 ft

Dinwiddie County, VA

Legend

Road Labels

County Boundaries

Parcel Labels

Parcels

Feet

0 200 400 600 800

1"=12,000 Feet

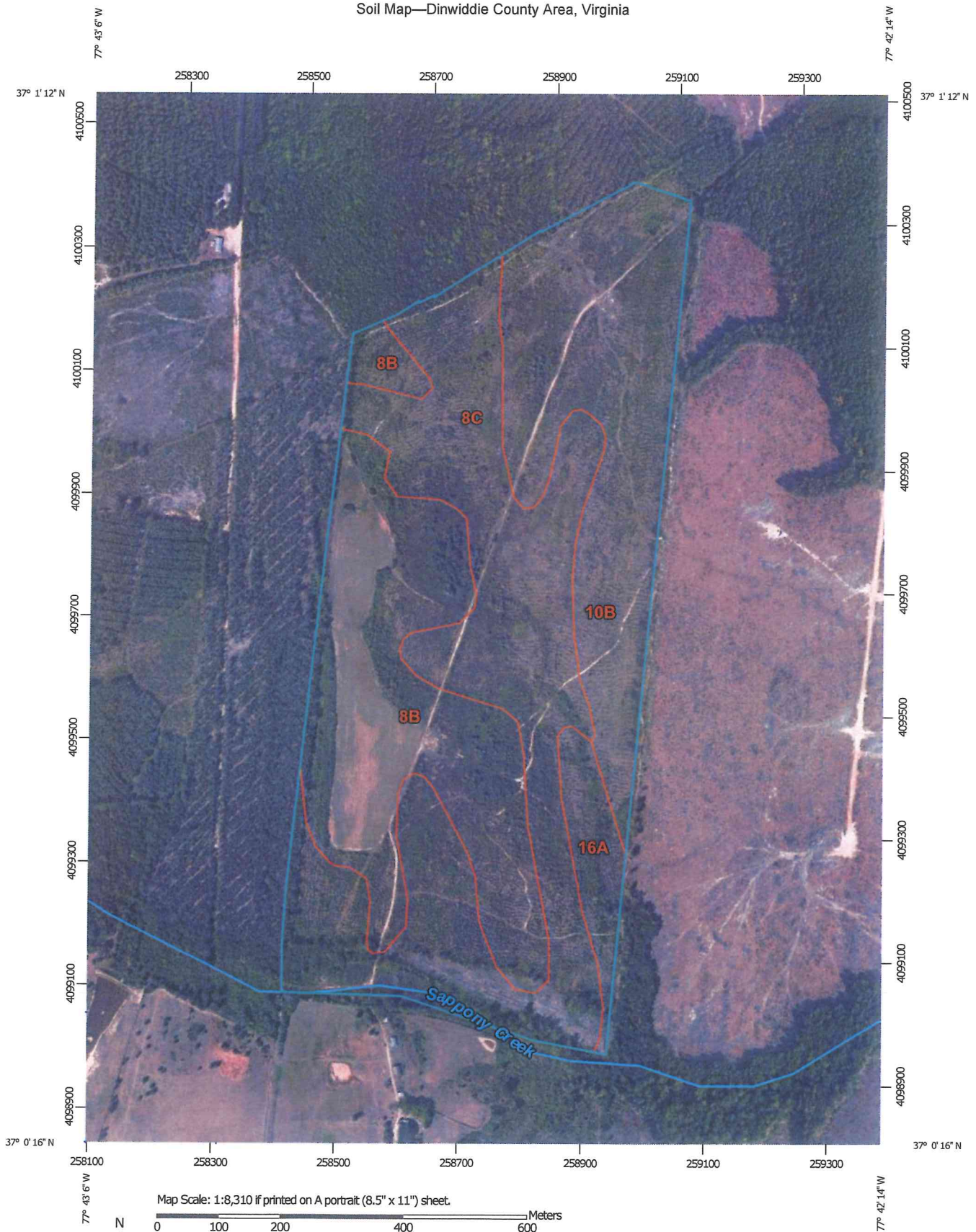


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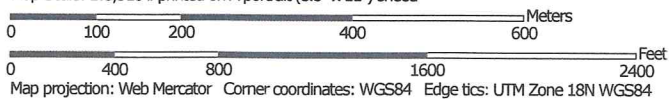
Date: 2/4/2015

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Soil Map—Dinwiddie County Area, Virginia



Map Scale: 1:8,310 if printed on A portrait (8.5" x 11") sheet.



**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

2/4/2015
Page 1 of 3

**Lee Bethea
Tract T-6751
Field Data Sheet**

Field	Total Acres	Tract Coordinates		Field Type
		Latitude	Longitude	
1	146.5	37°00'42"	77°42'42"	Silvicultural
2	14			Agricultural
SUM	160.5	37.009	- 77. 712	



MAP KEY



Buffer Area



Property Line



Water



Field Boundary

rk

Rock Outcrop



Wooded Area



Intermittant Stream



House/Well

FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2-12-15 between Lee Belton referred to here as "Landowner", and Nutri-Blend, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
80-44			
67-51C			
100-17			
90-3			
86-27			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

<u>Lee R. Belton, Jr.</u>	<u>Lee R. Belton, Jr.</u>	<u>22619 Boydton Plank Rd.</u>
Landowner - Printed Name, Title	Signature	Mailing Address
		<u>McKenney, VA 23822</u>

Permittee:

Nutri-Blend, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

<u>Bill Burnett</u>	<u>Bill Burnett</u>	<u>Nutri-Blend, Inc.</u>
Permittee - Authorized Representative	Signature	PO Box 38060
Printed Name		Henrico, VA 23231

Permittee: Nutri-Blend

County or City: Dinwiddie

Landowner: Lee R. Botha, Jr.

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Lee R. Botha, Jr.
Landowner's Signature

2/12/15
Date

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Nutri-Blend Inc _____

County or City: Dinwiddie

Please Print

(Signatures not required on this page)

[illegible]

Rainey

1865 - combination

Dinwiddie County, Virginia
January 2005
Scale: 1 inch = 660 feet



L.B.
Horne

SAM CROCKETT'S COMPUTER SERVICES

Dinwiddie County, Virginia

Tax Map #:
Address:

80-44
22619 BOYDTON PLANK RD
MCKENNEY, VA
23872

Acreage:

93.63

Owner's Name::

BETHEA LEE R JR

Description:

NATIONAL HIGHWAY
ZEHRER 8514

No Data

80-44

No Data

631

48

NaN

Deed Book:

Deed Page:

Plat Book:

Plat Page:

Assessment Information

Land Value:

\$61,500

Improvement Value:

\$0

Total Value:

\$61,500

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Dinwiddie County, VA

Legend

Road Labels

County Boundaries

Parcel Labels

Parcels



Feet

0 100 200 300 400

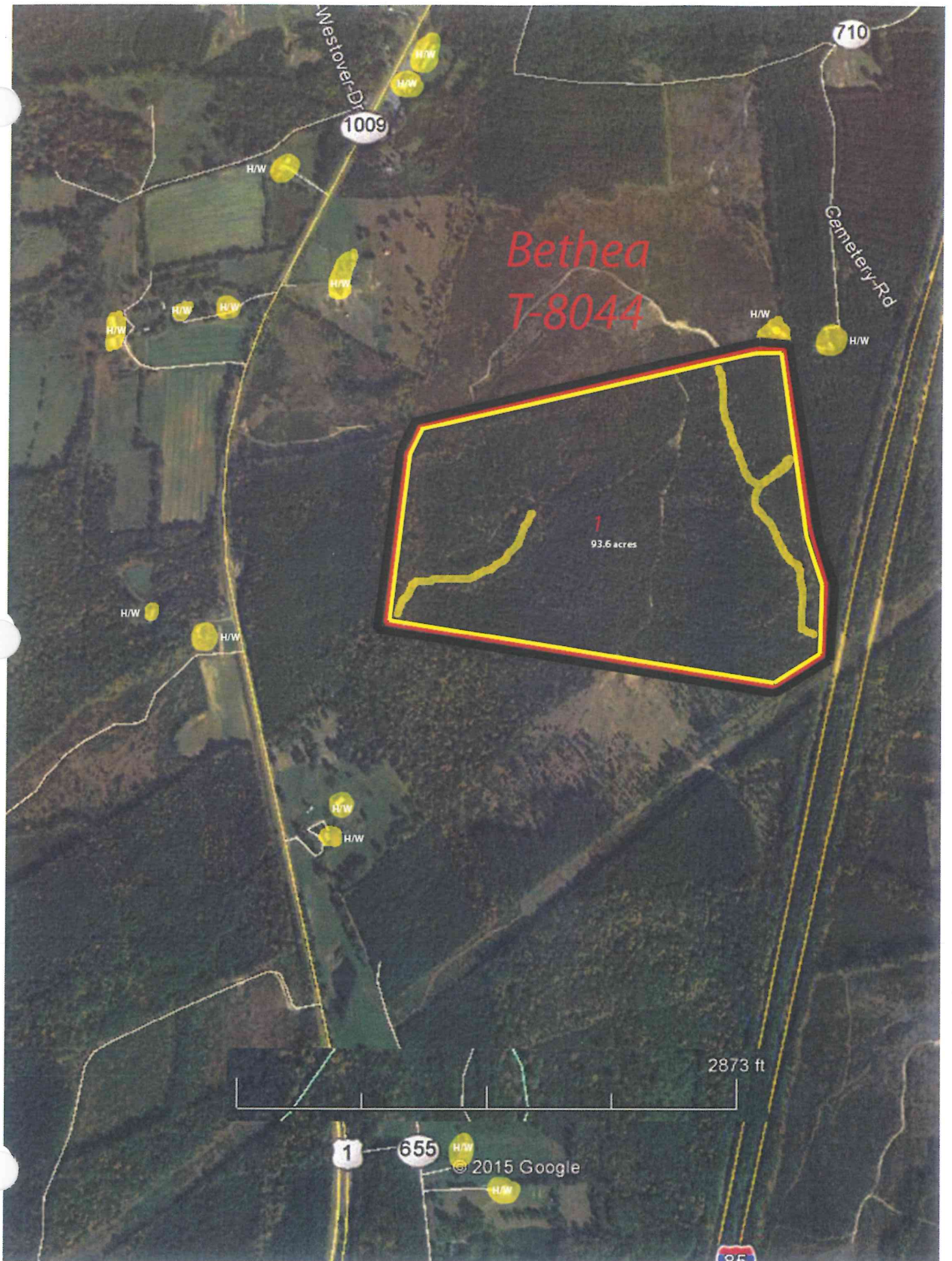
1:4,800 / 1"=400 Feet



Title:

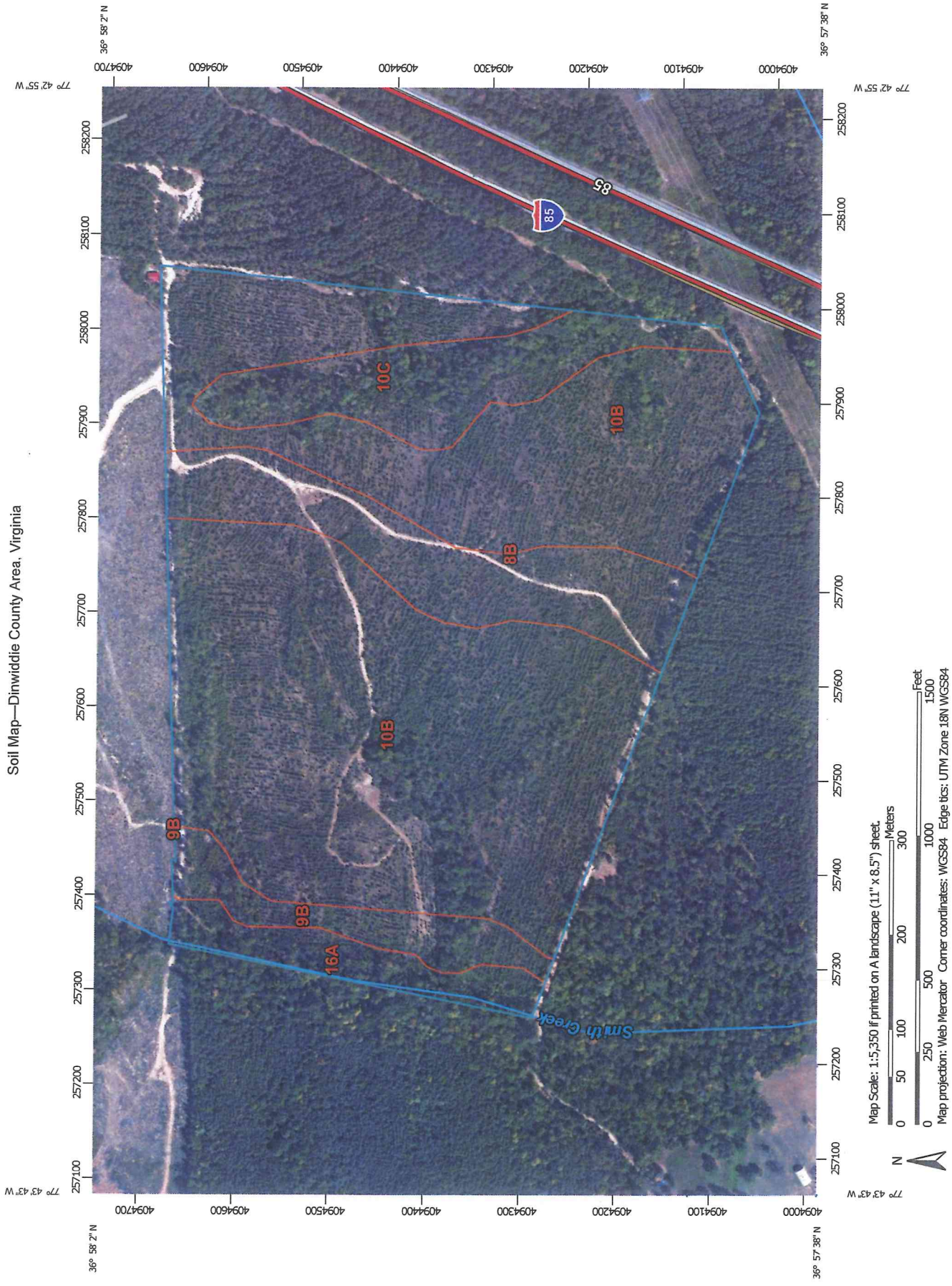
Date: 1/28/2015

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Soil Map—Dinwiddie County Area, Virginia



**Lee Bethea
Tract T-8044
Field Data Sheet**

Field	Total	Tract Coordinates		Field Type
	Acres	Latitude	Longitude	
1	93.6	37°57'51"	77°43'21"	Silvicultural
SUM	93.6	36.964	-77.722	